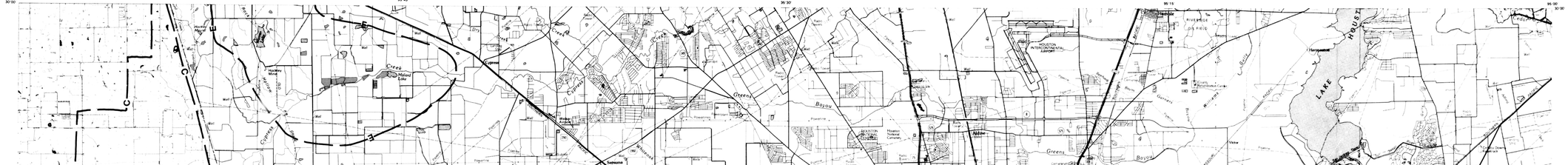
I 49.89: 82/16/map13

MAY 9 '85

MMS 84-0005
FWS/OBS-82/16

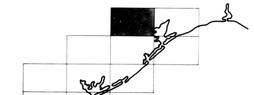
HOUSTON, TEXAS

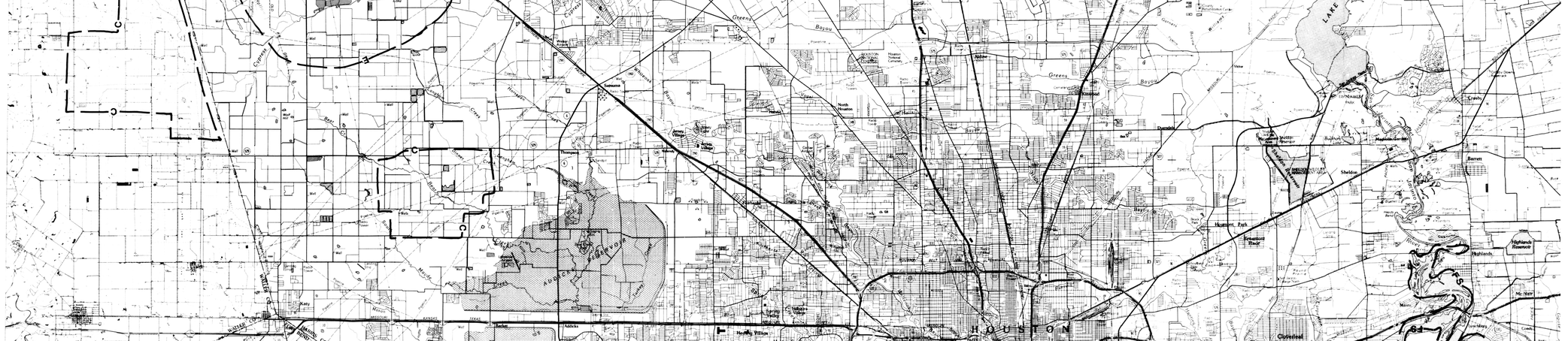


Houston

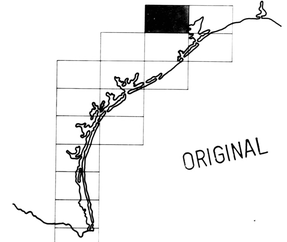
TEXAS BARRIER ISLANDS REGION ECOLOGICAL CHARACTERIZATION ATLAS

BIOLOGICAL RESOURCES





BIOLOGICAL RESOURCES

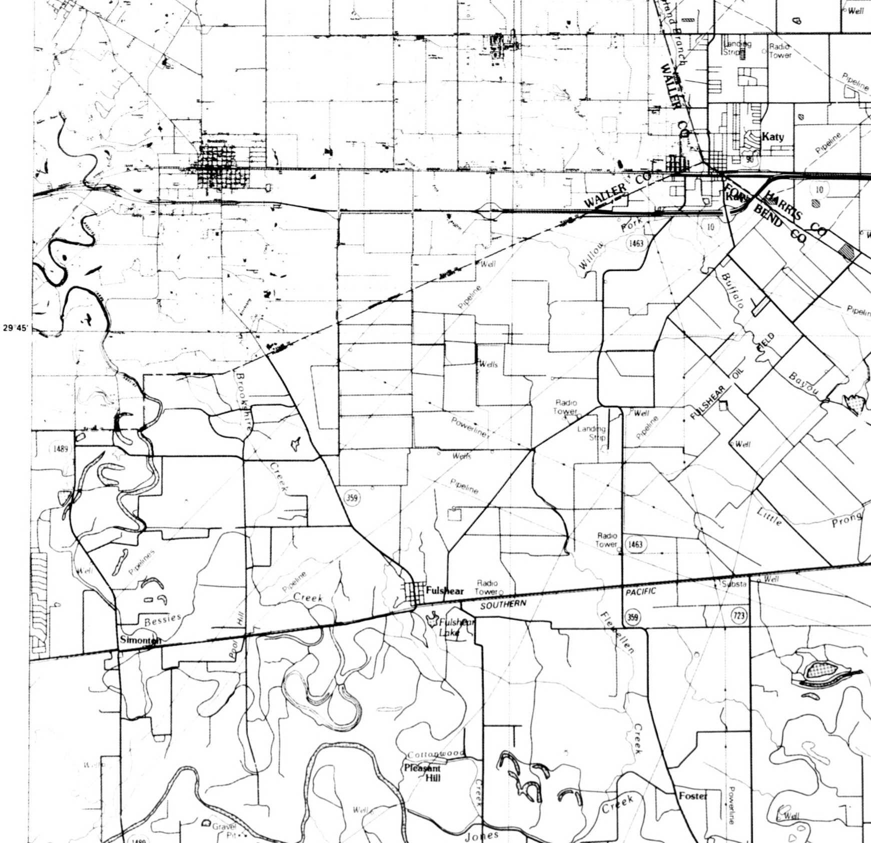


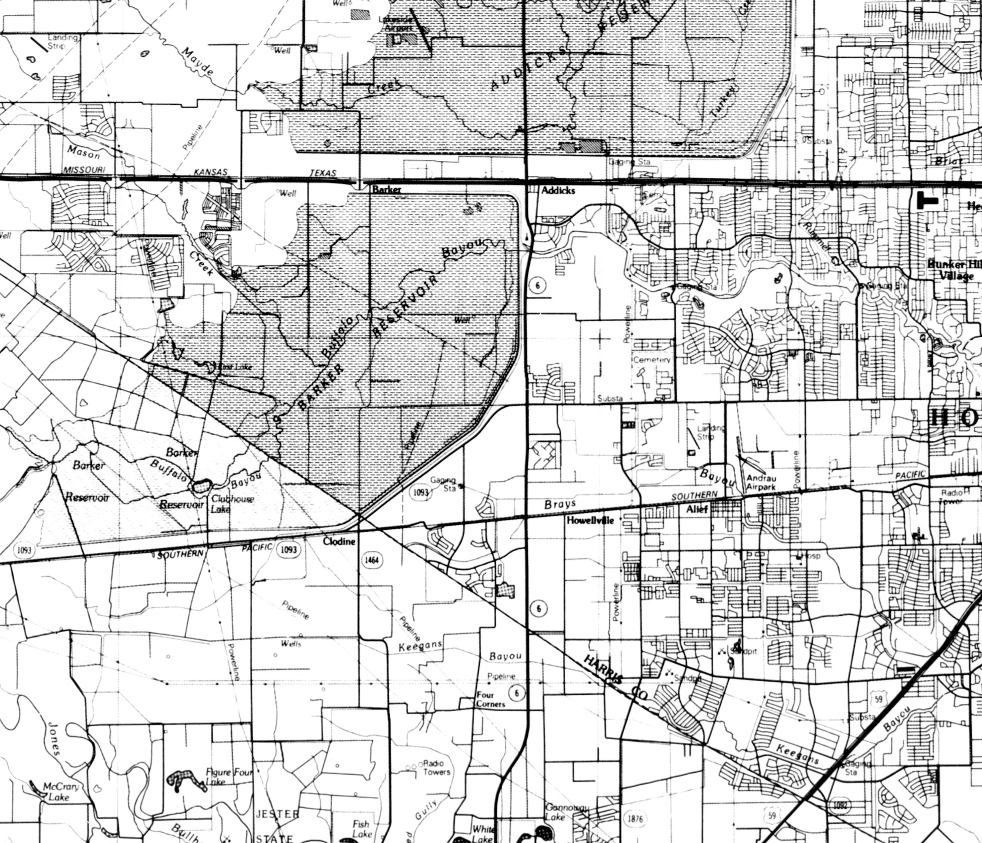
1983

Produced by U.S. Fish and Wildlife Service and Minerals Management Service

Projection and 10,000-meter grid, zone 15 Universal Transverse Mercator
25,000-foot grid ticks based on Texas coordinate system, south central zone

Overlay material compiled in 1983 from latest available data obtained from Federal, State, and Local government agencies and other sources


29°45'
Well
Landing Strip
Radio Tower
Branch
WALLER CO
Pipeline
Katy
90
10
WALLER CO
FORT BEND CO
HARRIS CO
Fork
Willow
1463
Well
Pipeline
Buffalo
FIELD
OIL
FULSHEAR
Bayou
Pipeline
Wells
Radio Tower
Landing Strip
Well
Pipeline
Powerline
Wells
Pipeline
Well
Brookshire
Creek
359
1489
Little
Prong
Radio Tower
1463
Well
Pipelines
Pipeline
Creek
Fulshear
Radio Tower
SOUTHERN
PACIFIC
Substa
Well
359
723
Bessies
Simonton
Hill
Pool
Fulshear Lake
Flewellen
Creek
Cottonwood
Pleasant Hill
Creek
Creek
Foster
Powerline
Well
Well
Wells
Gravel Pit
1489
Jones


Well
Lakeside Airport
Landing Strip
Well
Mayde
Creek
ADDICKS
Turkey
Mason
Pipeline
MISSOURI
KANSAS
TEXAS
Gaging Sta
Substa
Briar
Barker
Addicks
Well
Cem
Bunker Hill Village
Gaging Sta
Creek
Bayou
RESERVOIR
Buffalo
BARKER
Well
Powerline
Cemetery
Substa
Clear Lake
Pipeline
HO
Landing Strip
Barker
Barker
Buffalo
Bayou
Reservoir
Reservoir
Clubhouse Lake
Gaging Sta
1093
Bayou
Andrau Airpark
Powerline
PACIFIC
SOUTHERN
Radio Tower
Brays
Howellville
Alief
1093
SOUTHERN
PACIFIC
1093
Clodine
1464
Prosp
Pipeline
Pipeline
6
Powerline
Wells
Powerline
Keegans
Bayou
HARRIS CO
Sandpit
Sandpit
Pipeline
Four Corners
6
59
Substa
Bayou
Jones
Keegans
Gaging Sta
Figure Four Lake
Radio Towers
McCrary Lake
Gully
Gannoway Lake
1876
1092
59
JESTER STATE
Fish Lake
White Lake
Bullh

HOUSTON
HOUSTON BELT AND TERMINAL
MISSOURI KANSAS TEXAS
SOUTHERN PACIFIC
Spring Branch
Spring Valley
Hilshire Village
Hunters Creek Village
Piney Point Village
Memorial Park
Whiteoak Bayou
Buffalo Bayou
Hunting Bayou
USTON
Sharpstown
Jeanetta
West University Place
Rice University
Texas Womens Univ
Hermann Park
Texas Medical Ctr
Bellaire
Southside Place
Texas Southern Univ
Univ of Houston
Brays Bayou
Astrodome
Pierce Jct
Willow Waterhole Bayou
Sims Bayou
ATCHISON TOPEKA
North Yard
Gaging Sta
Radio Tower
Hosp
Park
Powerplant
Powerlines
Substa
Hobby Airport
Baptist College
610
290
90
10
1093
261
288
ALT 90
ALT 288

Highlands
Southern Bible College
Powerplant
Round Prairie
San Jacinto College North
Radio Tower
Big Gulch
Pipeline
Hunting Bayou
Carpenter
Mc Nair
Mantu
Lake Sands
Lynchburg
Coady
Cloverleaf
Channelview
MISSOURI PACIFIC
Burnet Bay
Jacinto City
Jacintoport
Crystal Bay
San Jacinto State Park
Scott Bay
SAN JACINTO
Galena Park
PORT TERMINAL
Houston Ship Channel
Peggy Lake
Busch Island
Upper San Jacinto Bay
Black Duck Bay
Tank Farm
SOUTHERN PACIFIC
Refinery
Deer Park
Link Five
Borrow Pit
Powerlines
PASADENA
Spilmans Island
Lomax
Strang
La Porte Muni Airport
Little Cedar Bayou
La Porte
South Houston
San Jacinto College
Texas Chiropractic College
Armand Bayou
Willow Springs Bayou
Vince Bayou
Goose Creek
FS
S
527
90
526
610
330
134
225
146
3
498

1983

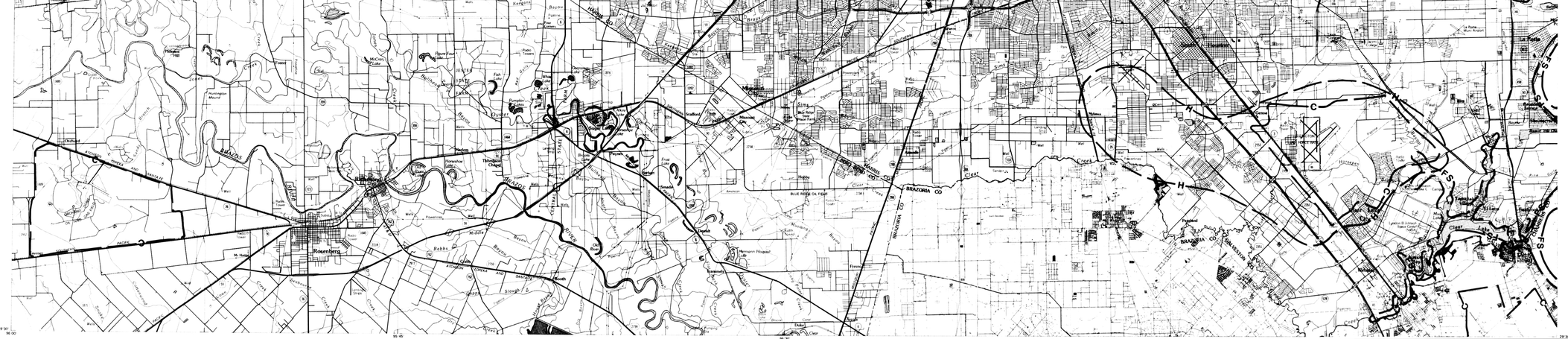
Produced by U.S. Fish and Wildlife Service
and Minerals Management Service

Projection and 10,000 meter grid, zone 15:Universal Transverse Mercator.
25,000-foot grid ticks based on Texas coordinate system, south central zone.

Overlay material compiled in 1981 from latest available data obtained from Federal, State, and Local government agencies and other sources.

LEGEND

Symbol	Species Habitats and Areas Represented
A	Arctic Peregrine Falcon
B	Upland Game and Furbearer Concentration
C	Attwater's Prairie Chicken
D	White-winged Dove
E	Bald Eagle
F	Finfish Nursery
G	Seagrass Beds
H	Houston Toad
J	Oak Motte Woodlands
K	Wood Duck
L	Alligator



G	Seagrass Beds
H	Houston Toad
J	Oak Motte Woodlands
K	Wood Duck
L	Alligator
N	Rio Grande Subtropical Woodlands
O	Oyster Beds
P_3	Areas of Ecological Concern
Q	Whooping Crane Wintering Habitat
R	Colonial Waterbird Rookery
S	Shrimp Nursery
T	Rio Grande Turkey
U_2	Unique Wildlife Ecosystem
W	Waterfowl and Other Wetland Birds
X	Whooping Crane Wintering Habitat
Y	Virgin Brush Habitat

Species habitats are represented by dashed lines with the appropriate symbol reading to the inside of the area. Rookeries are also identified by an alphanumeric code as taken from the Texas Colonial Waterbird Census, 1973-1976 (FA Report Series No. 15, Texas Parks and Wildlife Department, 1978).

R
I-dM-1

Well
1875
Snake
Cottonwood
Well
59
Coon
PACIFIC
Wells
29°30′
96°00′

THE TEXAS BARRIER ISLANDS REGION ECOLOGICAL ATLAS: BIOLOGICAL RESOURCES MAPS AND ACCOMPANYING NARRATIVE (FWS/OBS-82/16) ARE ONE SET IN A SERIES OF THREE CONSTITUTING THE ATLAS PRODUCED BY THE U.S. FISH AND WILDLIFE SERVICE, DIVISION OF BIOLOGICAL SERVICES, NATIONAL COASTAL ECOSYSTEMS TEAM AND BY THE MINERALS MANAGEMENT SERVICE. OTHER MAP SETS AND NARRATIVES AVAILABLE INCLUDE SELECTED SOCIOECONOMIC AND NATURAL FEATURES (FWS/OBS-82/15) AND MINERAL RESOURCES AND SELECTED OIL AND GAS INFRASTRUCTURE (FWS/OBS-82/17).

THE MAPS, IN CONJUNCTION WITH THEIR NARRATIVES, ARE INTENDED TO BE USED BY COASTAL PLANNERS, DECISIONMAKERS, AND THE GENERAL PUBLIC TO RESOLVE CONFLICTS AMONG LAND USES, FISH AND WILDLIFE REQUIREMENTS, AND THE MAINTENANCE OF ECOLOGICAL DIVERSITY.

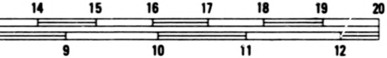
ALL MAPS HAVE BEEN COMPILED FROM A VARIETY OF SOURCES INCLUDING MAPS, AERIAL PHOTOGRAPHS, AND REPORTS. THE USER SHOULD NOT RELY ON THESE MAPS FOR PRECISE MEASUREMENT OF DISTANCES OR AREAS.

Creek
Seabourne
Creek
36
Landing Strips
Creek
762
AND
SANTA FE
Booth
Gapps
Slough
Pipeline
House Bayou
Dry Bayou
Dry
Creek
95°45′
KILOMETERS 0 1 2 3 4 5 6 7 8 9 10 11 12 13
MILES 0 1 2 3 4 5 6 7 8

FOR INFORMATION CONCERNING THE ATLAS, CONTACT:

Information Transfer Specialist National Coastal Ecosystems Team U.S. Fish and Wildlife Service 1010 Gause Blvd. Slidell, La. 70458	Records Management Section (OMS-2) Gulf of Mexico OCS Region Minerals Management Service P.O. Box 7944 Metairie, La. 70010

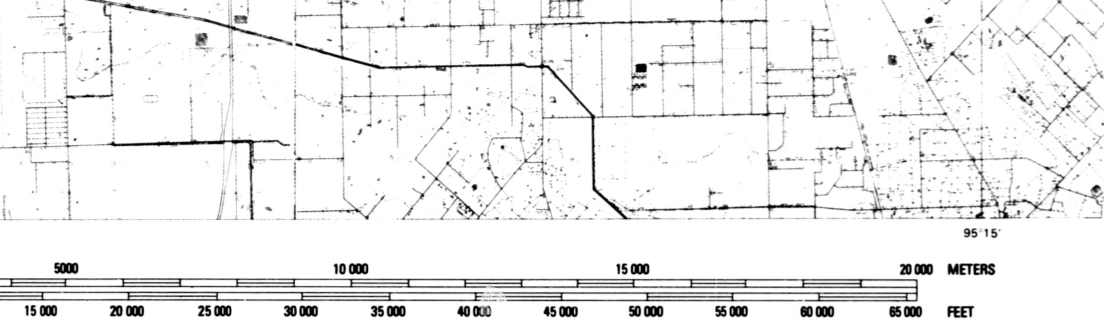
Slough
Creek
Bank
Oyster
Long Point
Pipeline
MISSOURI
Pipeline
Creek
Creek
Black Lake
Briscoe
Canal
Arcola
Duke
6
2759
Pumping Sta
Brushy
Clear
95°30'


14
15
16
17
18
19
20
9
10
11
12

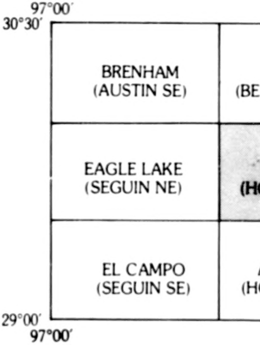
SCALE 1:100 000

1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND

0
1000
0
5000
10 000

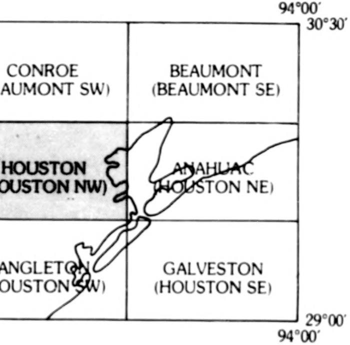

95°15′
5000
10 000
15 000
20 000
METERS
15 000
20 000
25 000
30 000
35 000
40 000
45 000
50 000
55 000
60 000
65 000
FEET

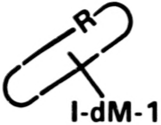
Lake
Substa
Tank Farm
75
45
528
Pipelines
Cem
Creek


97°00′
30°30′
BRENHAM
(AUSTIN SE)
(BE
EAGLE LAKE
(SEGUIN NE)
(H
EL CAMPO
(SEGUIN SE)
(H
29°00′
97°00′

HOUSTON, TEXAS

N2930-W9500/30 × 60


94°00′
30°30′
CONROE
AUMONT SW)
BEAUMONT
(BEAUMONT SE)
HOUSTON
OUSTON NW)
ANAHUAC
(HOUSTON NE)
ANGLETON
OUSTON SW)
GALVESTON
(HOUSTON SE)
29°00′
94°00′



Species habitats are represented by dashed lines with the appropriate symbol reading to the inside of the area. Rookeries are also identified by an alphanumeric code as taken from the Texas Colonial Waterbird Census, 1973-1976 (FA Report Series No. 15, Texas Parks and Wildlife Department, 1978).

Legend topics are described in more detail in the accompanying narrative.

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